

VERSION WITH MARKINGS TO SHOW CHANGES MADE**In the claims:**

5. (Amended) AM receiver according to ~~anyone of the preceding claims~~ claim 1, characterized in that it is a digital shortwave receiver, in particular a Digital Radio Mondial receiver.
6. (Amended) AM receiver according to ~~anyone of the preceding claims~~ claim 1, characterized in that said at least one IF filter is an analogue filter.
7. (Amended) AM receiver according to ~~anyone of the preceding claims~~ claim 1, characterized in that said fixed IF ~~bandwidth~~ bandwidth is 20 kHz.
8. (Amended) AM receiver according to ~~anyone of the preceding claims~~ claim 1, characterized in that said unwanted signal part (31b) is detected by analyzing the power of FFT carriers outside the wanted signal part (30), BER fine tuning in a digital baseband processing or during optimization of an Automatic Gain Control voltage.
11. (Amended) Method according to claim 9 ~~or 10~~, characterized in that it is used for digital shortwave reception, in particular Digital Radio Mondial reception.